## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Andrew J. Hayman

Serial No.: N/A

Filed: Herewith

For: An Improved Shielded Apparatus for

Electrically Exploring Geological Formation

Through which a Borehole Passes

Group Art Unit: N/A

Examiner: N/A

Atty. Dkt. No.: 21.1041

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56, it is respectfully requested that this Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 be considered by the Examiner and made of record. Copies of the listed documents required by 37 C.F.R. § 1.98(a)(2) are enclosed for the convenience of the Examiner.

The present Information Disclosure Statement is being filed prior to the receipt of a first Official Action reflecting an examination on the merits, and hence is believed to be timely filed in accordance with 37 C.F.R § 1.97(b). No fees are believed to be due in connection with the filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to these materials, the Assistant Commissioner is hereby authorized to deduct said fees from Deposit Account No. 50-2183.

Applicant respectfully requests that the listed documents be made of record in the present case.

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Date: 24-0ct-05

Respectfully submitted,

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## JC20 Rec'd PCT/PTO 2 5 OCT 2005

Attorney Docket Number US 21.1041-PCT

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
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|   | Application Number                | MM/BELDAA   |  |
| INFORMATION DISCLOSURE  | Filing Date                       |   |  |
|   | First Named Inventor              | HAYMAN, Andrew                                    |  |
| STATEMENT BY APPLICANT  | Art Unit                          |   |  |
| (Use as many sheets as necessary) ,                                       | Examiner Name                     |   |  |

Sheet

| _                     |                          |  | U. S. PATEN                    | T DOCUMENTS  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number  Number-Kind Code <sup>2 (# known)</sup> | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | <sup>US-</sup> US4738812                                 | 04-19-1988                     | RAYNAL JEAN C                                      | 1, 14   |
|                       |                          | <sup>US-</sup> US4002063                                 | 01-11-1977                     | ANGEHRN JORG AUGUST                                | 1, 14   |
|                       |                          | <sup>US-</sup> US3566682                                 | 02-03-1971                     | WINKLER JOHN H JR                                  | 1, 14   |
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| FOREIGN PATENT DOCUMENTS |              |   |                     |  |   |                |
|--------------------------|--------------|---|---------------------|--|---|----------------|
| Examiner Initials*       | Cite<br>No.1 | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages |                |
|                          |              | Country Code <sup>3 -</sup> Number <sup>4 -</sup> Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  | Or Relevant Figures Appear                        | T <sup>6</sup> |
|                          |              | WO01/77711  | 10-18-2001          | SCHLUMBERGER                                       | 1-14  |                |
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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